

Converting Colors

YIQ(190.7970, -28.0100,
-21.0180)

Have a look what the booklet for
YIQ(190.7970, -28.0100, -21.0180)
contains.

YIQ(190.7970, -28.0100, -21.0180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(190.7970, -28.0100,
-21.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	97D4BA
RGB	151, 212, 186
RGB Percent	59%, 83%, 73%
CMY	0.4080, 0.1685, 0.2707
CMYK	0.29, 0.00, 0.12, 0.17
HSL	154°, 42%, 71%
HSV	154°, 29%, 83%
XYZ	45.1652, 57.2193, 55.1054
YIQ	190.7970, -28.0100, -21.0180

Conversions

Conversions Part 2

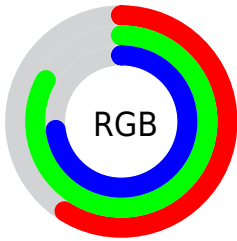
Format	Color
RYB	151, 190, 212
Decimal	9950394
CIELab	80.30, -24.92, 6.66
CIELCh	80, 25.798, 165.047
Yxy	57.2193, 0.2868, 0.3633
Android (android.graphics.Color)	4288140474 (0xFF97D4BA)
YUV	190.7970, -2.3649, -34.9020
Hunter-Lab	75.6434, -25.7972, 9.7583

Details

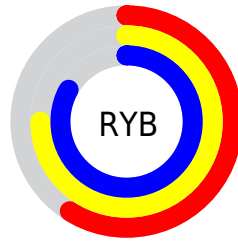
The YIQ color **190.7970, -28.0100, -21.0180** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **172.2030, 28.0100, 21.0180**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.8670, -25.0310, -14.4310**, and **136.6230, -27.4600, -19.9720** is the 20% darker color. If you saturate the color by 10%, you get **183.4920, -37.6370, -28.2690**, and if you desaturate by 10%, it is **198.1020, -18.3830, -13.7670**.

Distribution



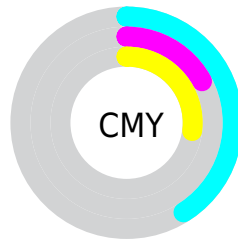
- Red (59%)
- Green (83%)
- Blue (73%)



- Red (59%)
- Yellow (75%)
- Blue (83%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)



- Cyan (41%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.7970, -28.0100, -21.0180 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 190.7970, -28.0100, -21.0180 by changing the saturation by 10% instead.

■ 190.7970,
-28.0100, -21.0180

■ 190.7970,
-28.0100, -21.0180

■ 255.0000, -0.0000,
-0.0000

■ 163.2100,
-27.7350, -20.4950

■ 238.8670,
-25.0310, -14.4310

■ 136.6230,
-27.4600, -19.9720

■ 249.0200,
-11.9200, -4.2400

■ 110.7370,
-27.7810, -19.6610

■ 85.1500, -27.5060,
-19.1380

■ 60.3670, -29.6150,
-19.4630

■ 38.4920, -28.4690,
-18.2050

■ 23.1840, -15.6780,

-13.2300

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 190.7970,
-28.0100, -21.0180

■ 190.7970,
-28.0100, -21.0180

■ 183.4920,
-37.6370, -28.2690

■ 198.1020,
-18.3830, -13.7670

■ 176.1870,
-47.2640, -35.5200

■ 205.4070, -8.7560,
-6.5160

■ 168.5830,
-57.4870, -42.9830

■ 213.0110, 1.4670,
0.9470

■ 161.2780,
-67.1140, -50.2340

■ 220.3160, 11.0940,
8.1980

■ 153.9730,
-76.7410, -57.4850

■ 227.0230, 19.5290,
15.0250

■ 146.6680,
-86.3680, -64.7360

■ 228.0490, 16.6400,
17.8240

■ 139.3630,
-95.9950, -71.9870

■ 229.0750, 13.7510,
20.6230

■ 138.3520,
-97.4620, -72.9340

■ 229.7590, 11.8250,
22.4890

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.8290, -4.6730, -19.9450



190.7970, -28.0100, -21.0180



188.8520, -47.0380, -17.5820

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190.7970, -28.0100, -21.0180



199.4820, -21.3680, 12.8080



201.0620, 40.9880, 6.0760

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



190.7970, -28.0100, -21.0180



172.2030, 28.0100, 21.0180

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



202.7170, 38.0060, 16.0700



190.7970, -28.0100, -21.0180



202.6870, 3.1600, 19.8320

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190.7970, -28.0100, -21.0180



194.6100, -42.6400, 1.8400



203.3490, 24.6630, 21.1030



199.4920, 33.4250, -5.5430

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.7970, -28.0100, -21.0180



189.3770, -52.7700, -12.8180



203.3490, 24.6630, 21.1030



201.5830, 41.0790, 9.9350

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



190.7970, -28.0100, -21.0180



246.9830, -10.4980, -7.9860



194.5810, -1.2790, -26.3910



122.8310, -7.0140, -5.0460



0.0000, 0.0000, 0.0000



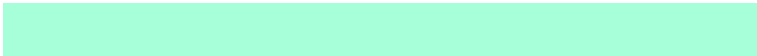
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



190.7970, -28.0100, -21.0180



224.0570, -40.8460, -30.6860



191.4130, -35.2560, -10.8400



103.2550, -5.2720, -3.5760



111.5490, -78.4830, -58.9550



28.0910, -19.8500, -14.7140

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



172.2030, 28.0100, 21.0180



196.9430, 40.8460, 30.6860



171.5870, 35.2560, 10.8400



99.8590, 4.9510, 3.8870



59.4510, 78.4830, 58.9550



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 190.7970, -28.0100, -21.0180 looks on a white background.

Color Contrast Check

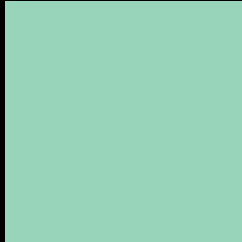
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 190.7970, -28.0100, -21.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.7970, -28.0100, -21.0180 Background



This preview shows how black text looks on a background with the YIQ color 190.7970, -28.0100, -21.0180.



This preview shows how white text looks on a background with the YIQ color 190.7970, -28.0100, -21.0180.

-21.0180.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

190.7970, -28.0100, -21.0180

Protanopia

198.4110, 11.7840, -4.3120

Deuteranopia

200.4430, 17.9260, 5.5260



Tritanopia

194.4720, -33.7440, -5.2000

Trichromacy



Original Color

190.7970, -28.0100, -21.0180

Protanomaly

195.7080, -2.4740, -10.2340

Deuteranomaly

196.9630, 1.4220, -3.7460

Tritanomaly

193.2670, -31.9090, -10.9250

Monochromacy



Original Color

190.7970, -28.0100, -21.0180

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

190.9830, -10.4980, -7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7970, -28.0100, -21.0180 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 212, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 212, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 212, 186) }
```

Border

The CSS property to change the border of an element to YIQ 190.7970, -28.0100, -21.0180 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 212, 186) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 212, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 212,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7970, -28.0100, -21.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 212, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
212, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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